

## ABSTRACT

A method for providing keys for descrambling scrambled content, the scrambled content being divided into frames, the method including: identifying a plurality of frames to be descrambled; for each frame of the plurality of frames, identifying a key period associated with a key for descrambling the frame; and for at least one frame  $f$  of the plurality of frames, substituting a substitute frame  $g$  for the frame  $f$ , the substitute frame  $g$  being chosen in order to reduce a total number of key periods associated with keys for descrambling all of the plurality of frames. Related apparatus and methods are also provided.